

FIG. 1

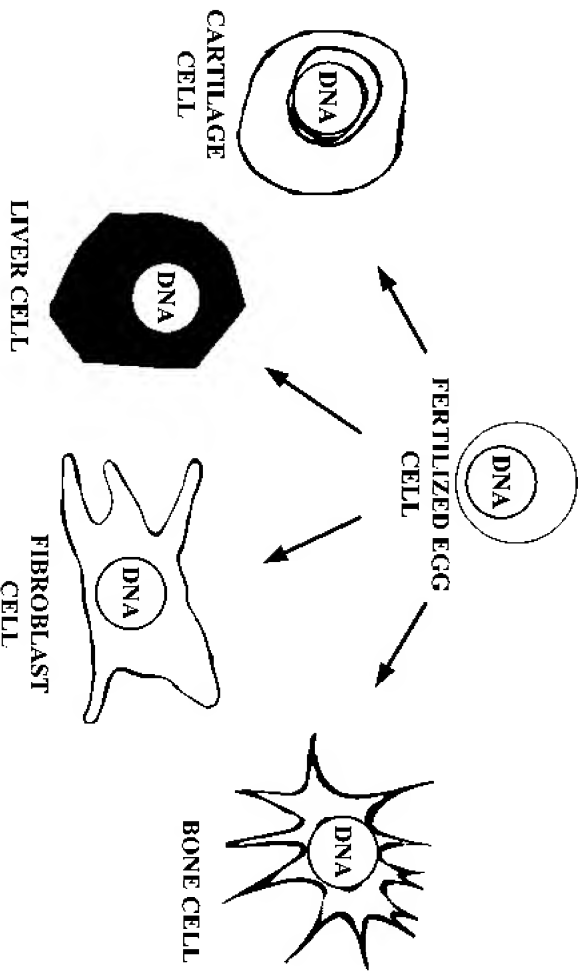


FIG. 2A

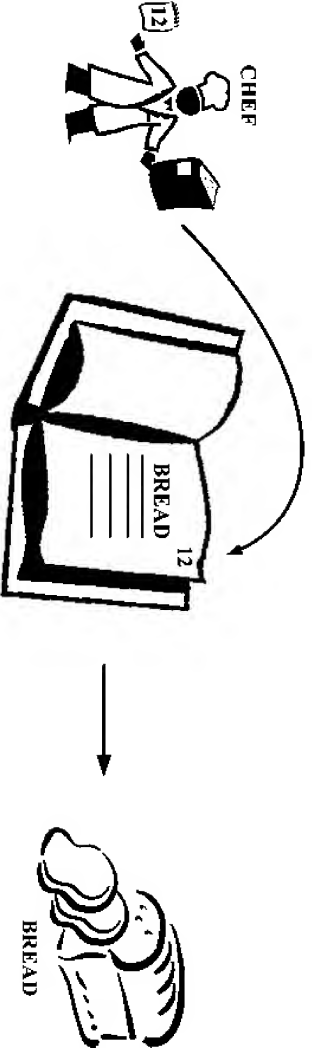


FIG. 2B

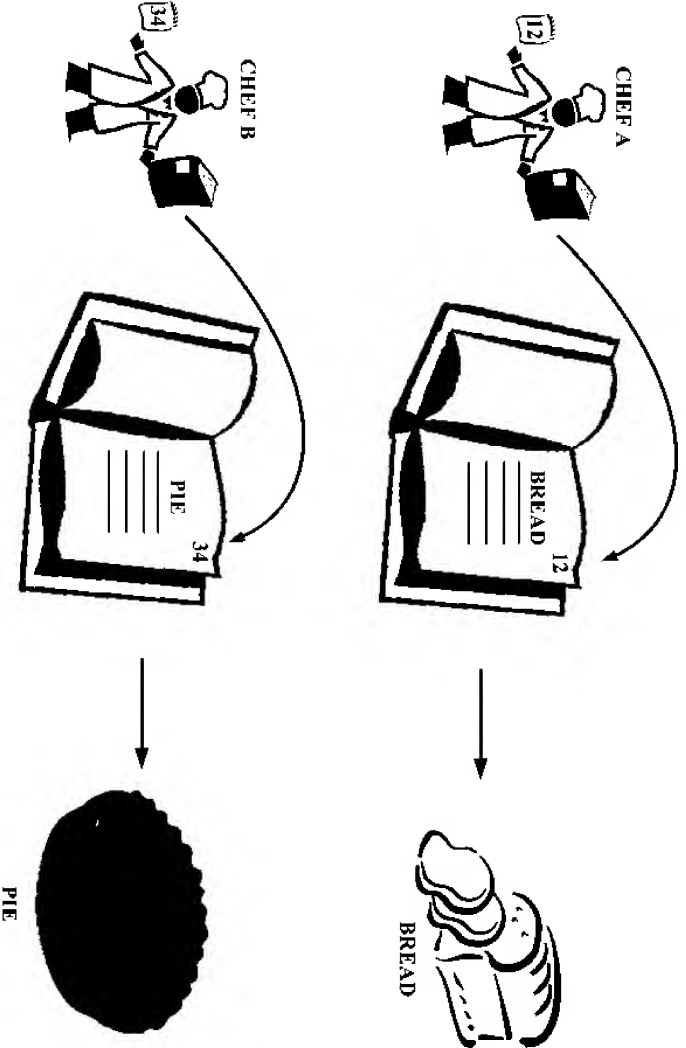


FIG. 3

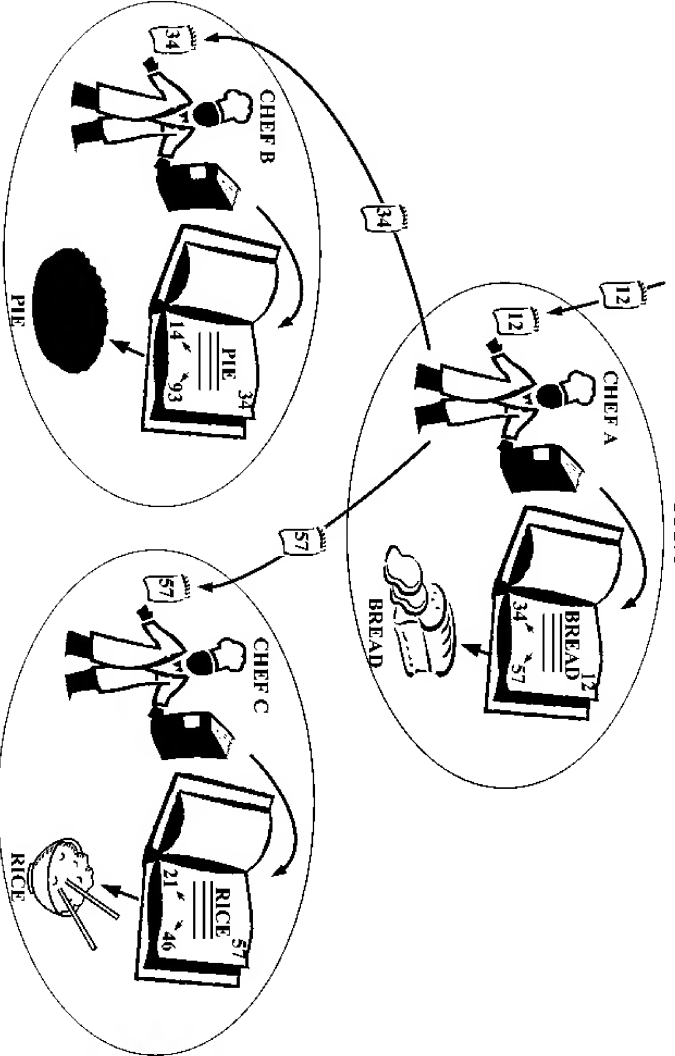


FIG. 4

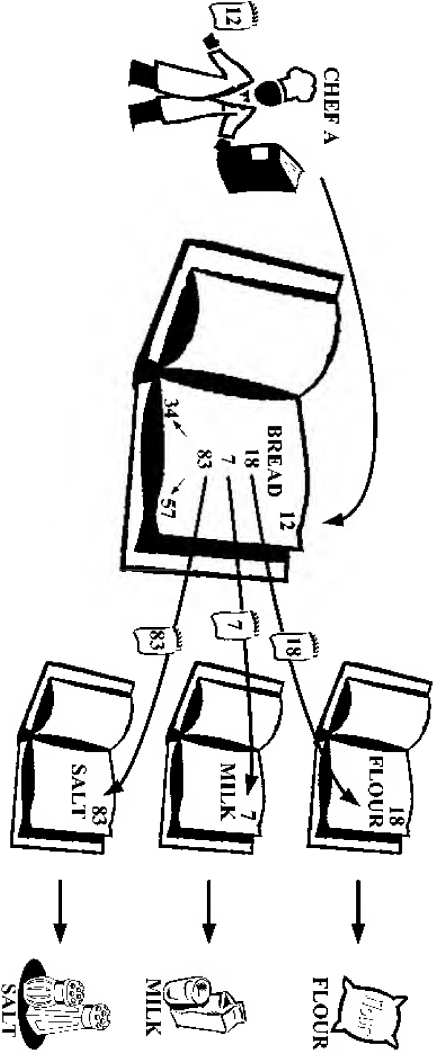


FIG. 5A

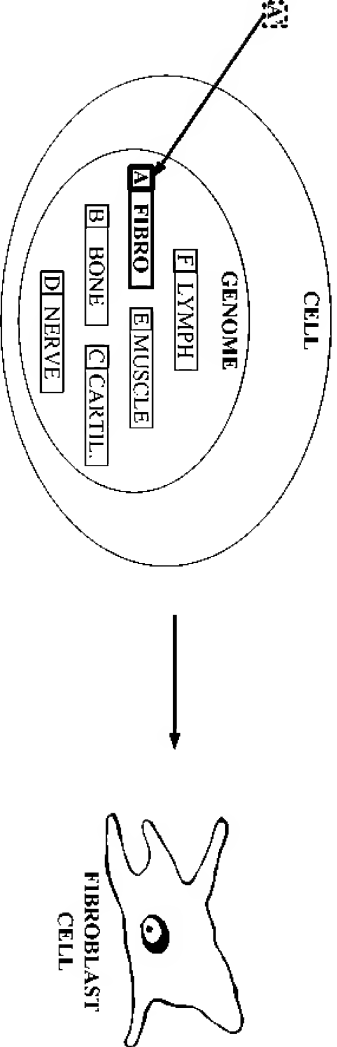


FIG. 5B

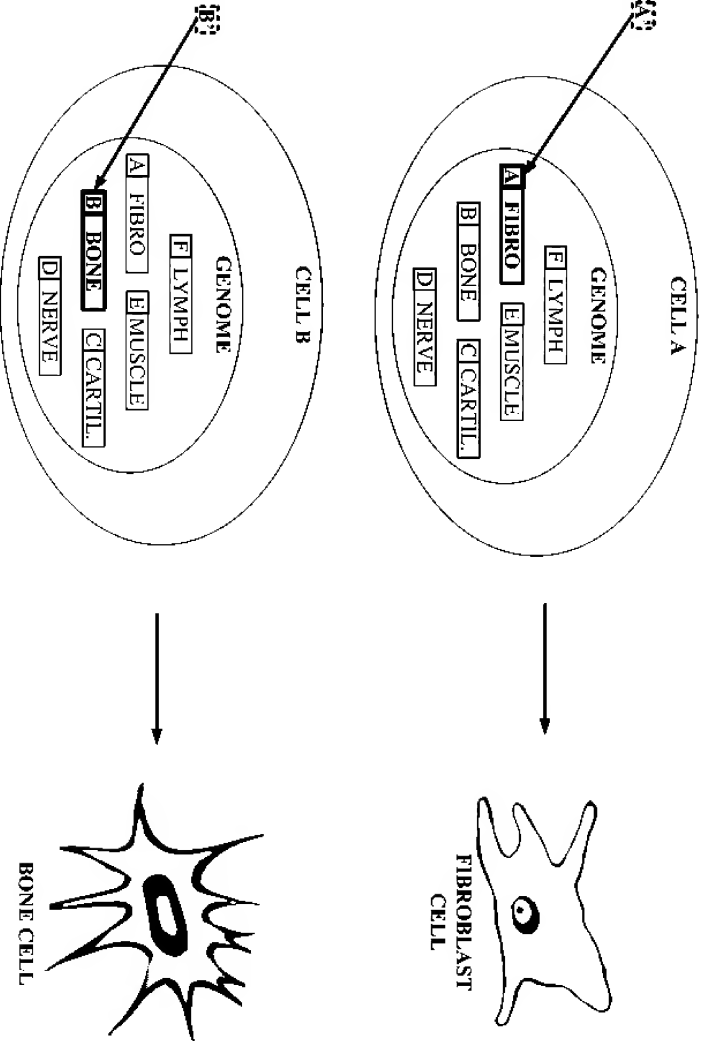


FIG. 6

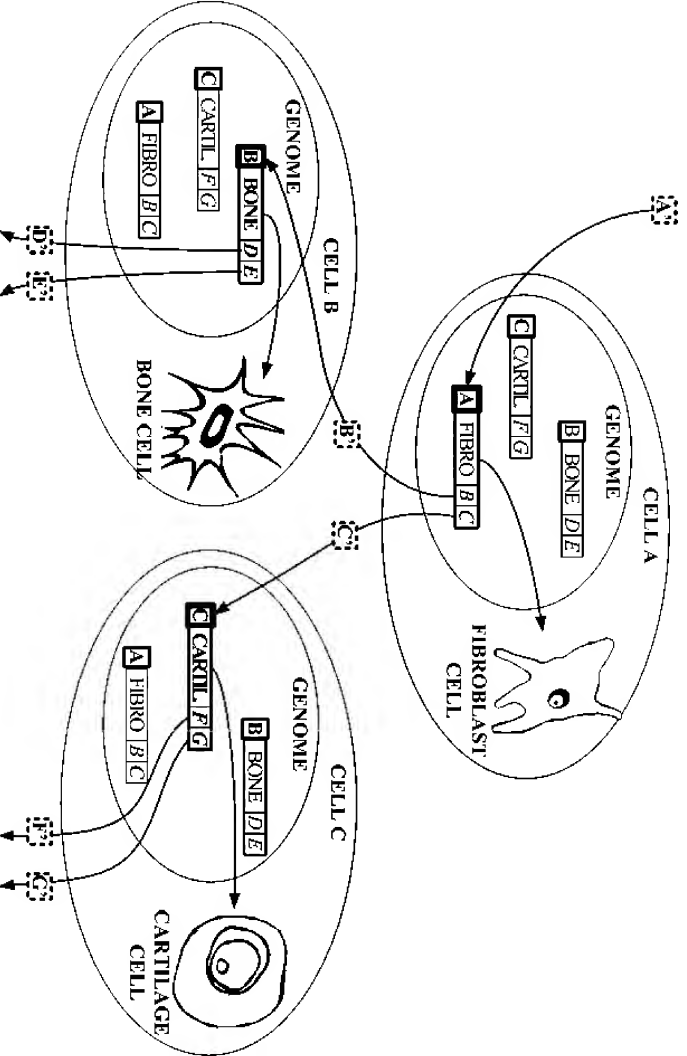


FIG. 7

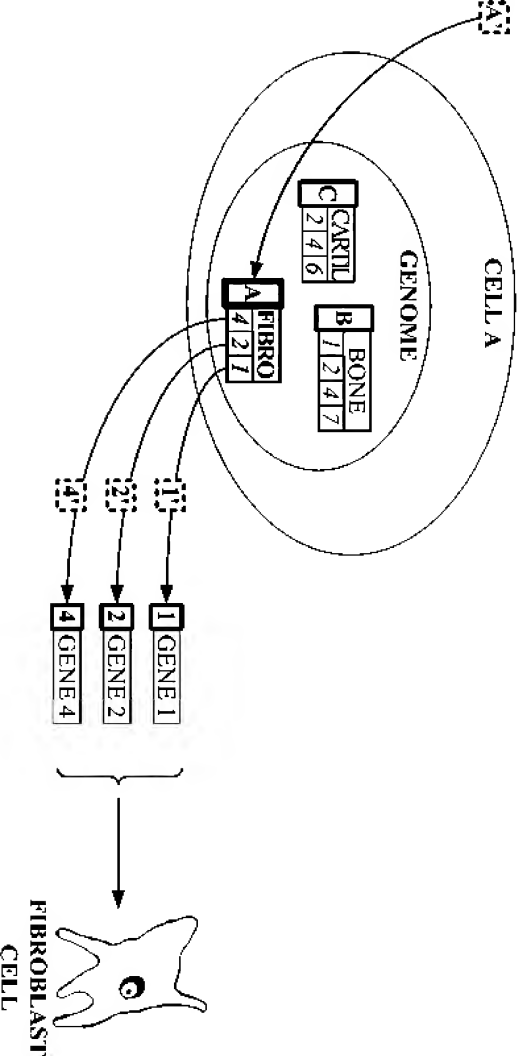


FIG. 8

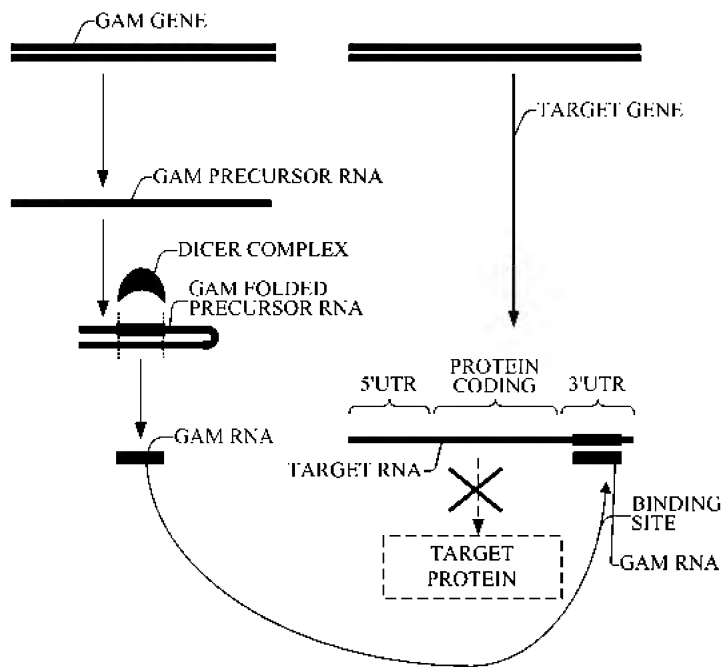


FIG. 9

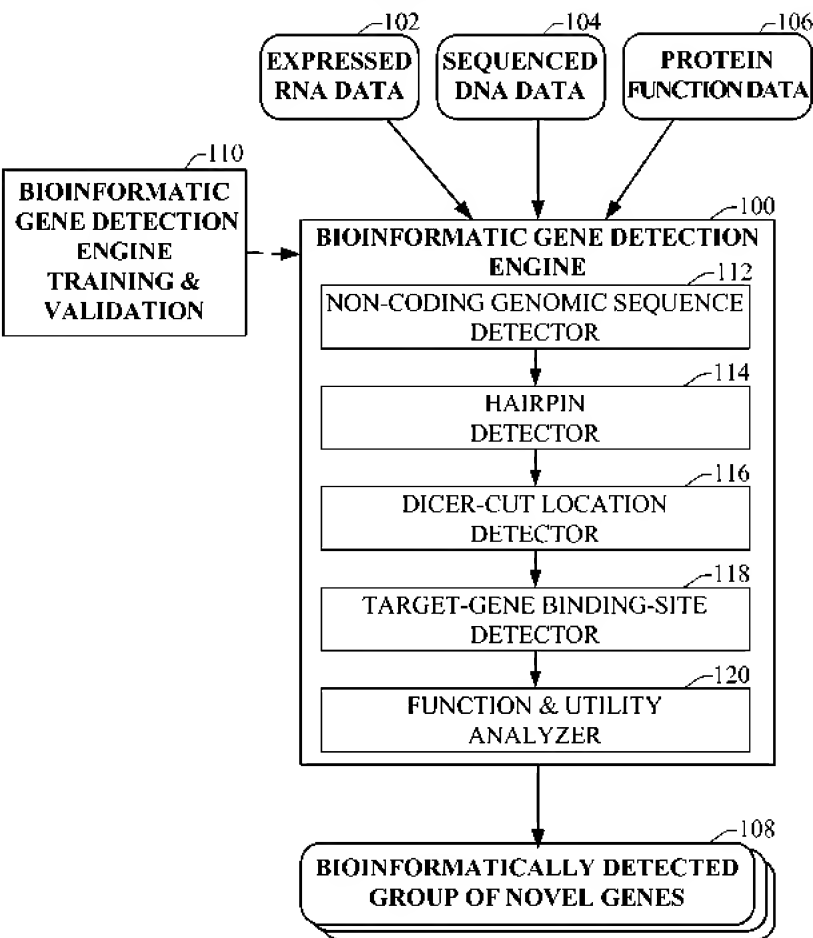


FIG. 10

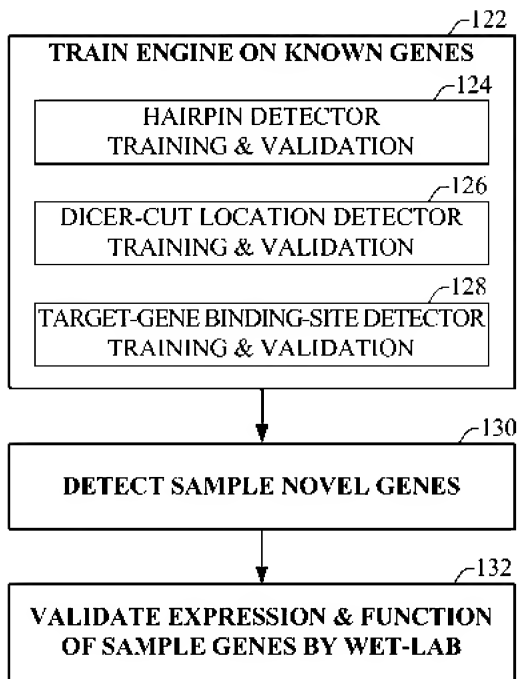


FIG. 11A

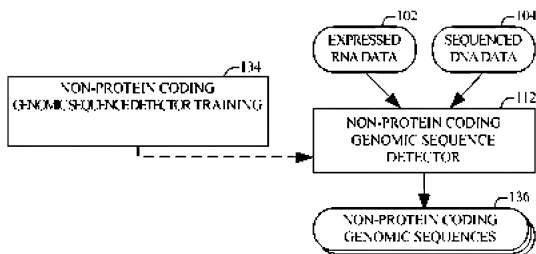


FIG. 11B

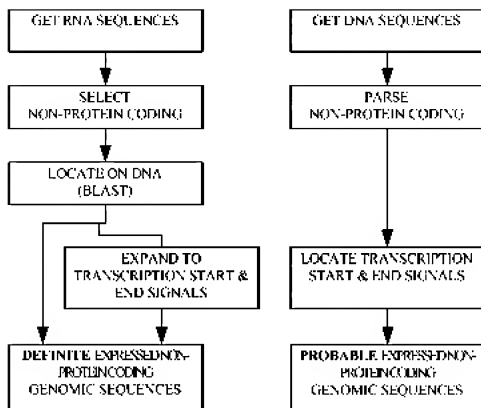


FIG. 12A

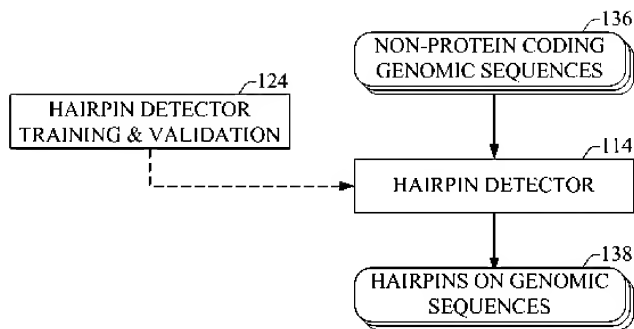


FIG. 12B

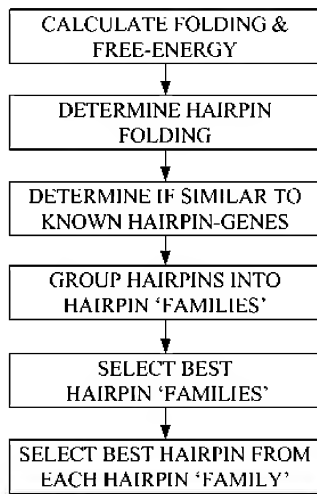


FIG. 13A

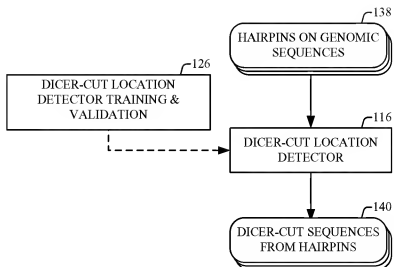


FIG. 13B

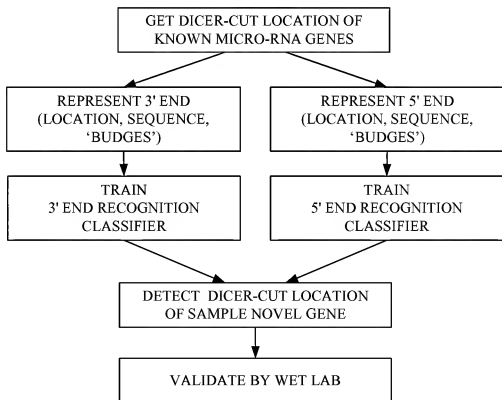


FIG. 13C

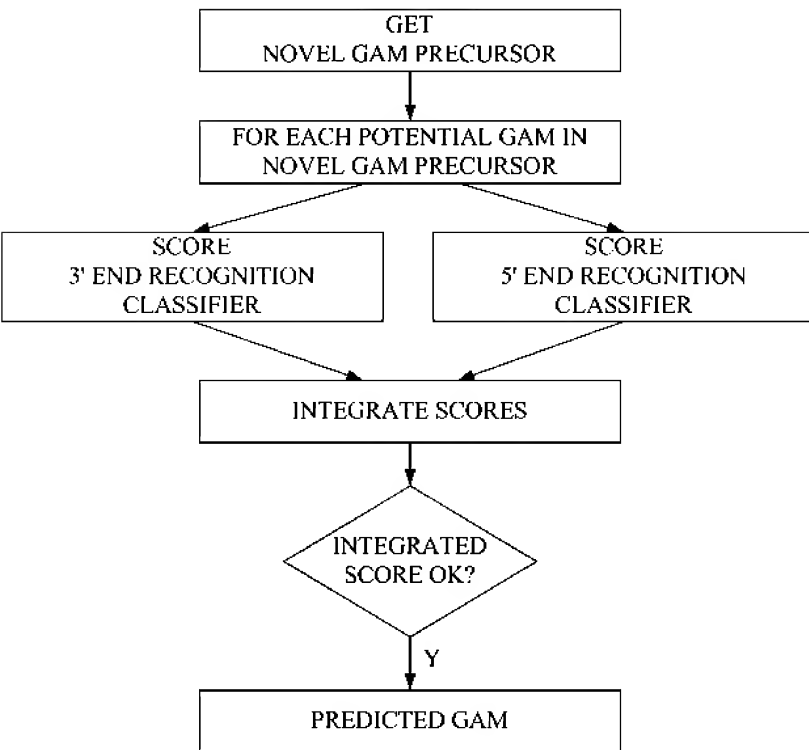


FIG. 14A

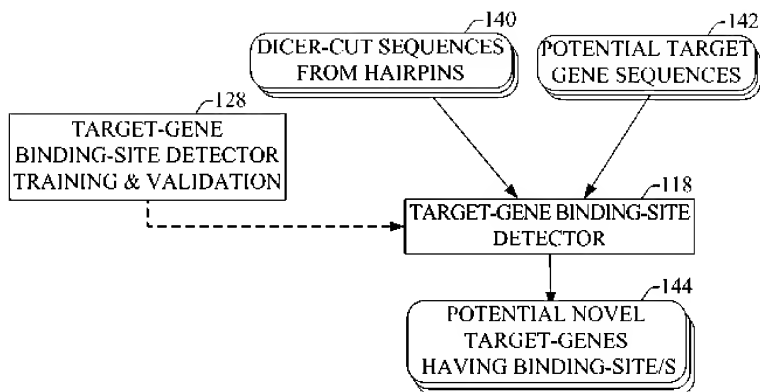


FIG. 14B

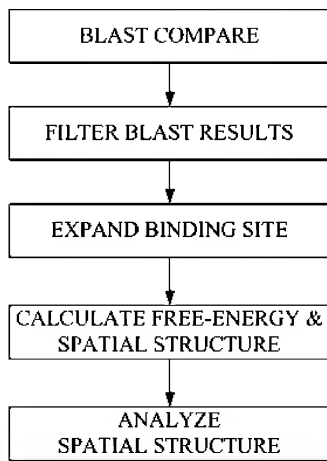


FIG. 15

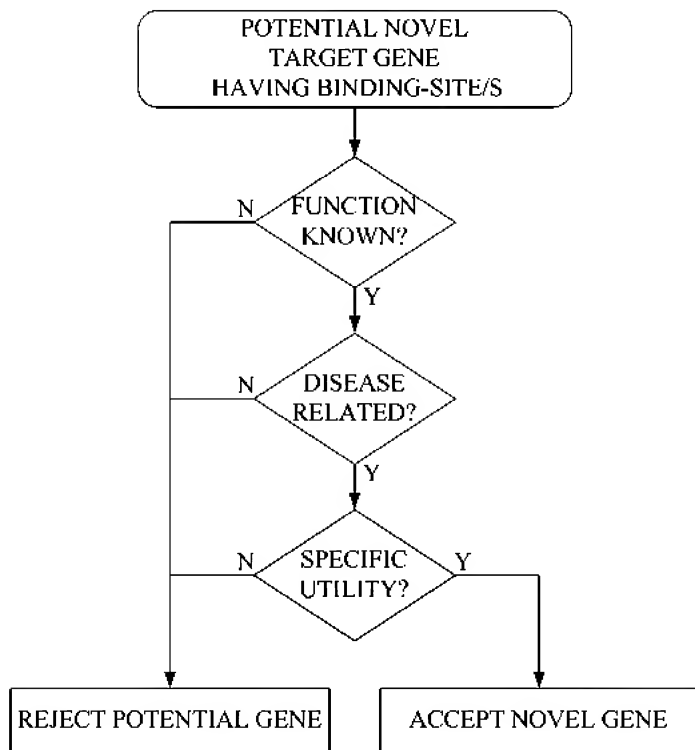


FIG. 16

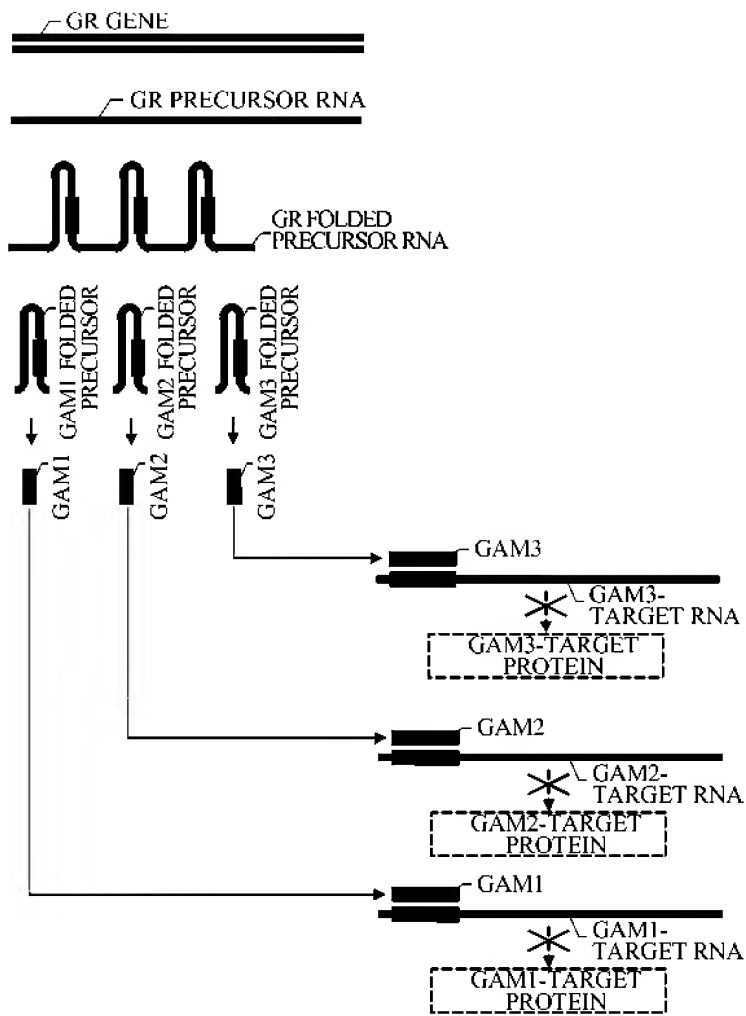


FIG. 17

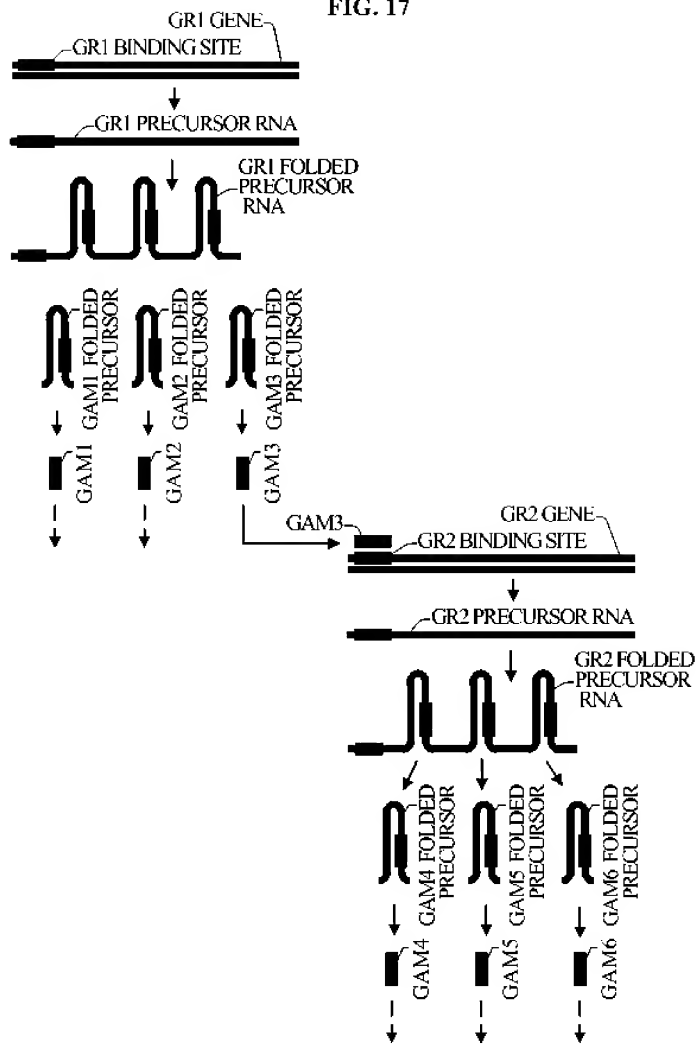


FIG. 18

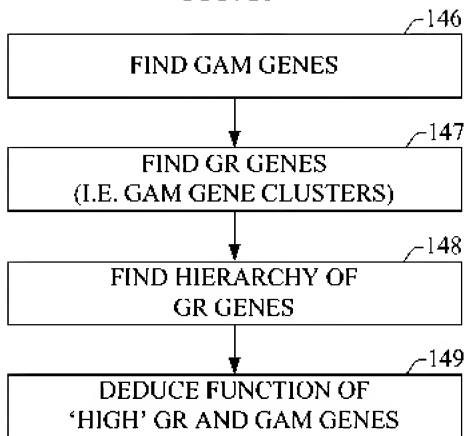


FIG. 19

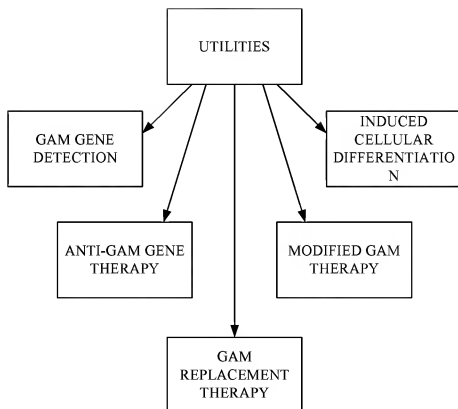


FIG. 20A

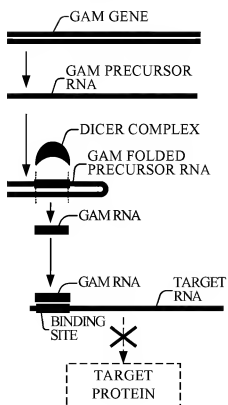
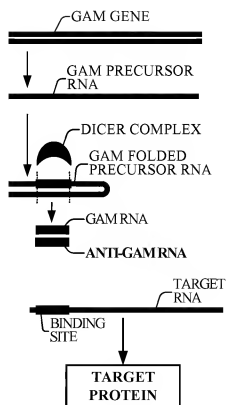


FIG. 20B

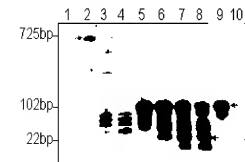


EST72223 sequence:

FIG. 21A

CCCTTATTAGAGGATTCTGCTCATGCCAGGG**TGAGGTAGTAAGTTGTATTG**
TGTGGGGTAGGGATATTAGGCCCAATTAGAAGATAACTATACAAC MIR98
TACTACTTTCCCTGGTGTGGCATATTCACACTTAGTCTTAGCAGTGTTGCC
TCCATCAGACAAAGTTGTAGATGTTCCCTGGATTAATTTGGACTGGAAGAAAAGA
GACATGGAAAGGGGACAGATGGTGTATAGGGTGAGGCAGATGCTATTATAAAGT
GACTTGTCTTTCAATTAATTTGGAGCATATAATTATTTTACCTTTGGGCATGAACTC
ATTTTGCTATTCTTCAACTGTGAATGATTGCATTTTATTAGTAATAAGAACAGGA
ATGTGTGCAAGGGGAATGGAAGCATACTTTAAGAAATTTTGGGCCAGGCCGCGGT
GGTTCATGCCTGTAAATCCAGCATTTTGGGAGGCCGAGCGGGTGGATCAC
CTGAGGTGAGGAGTTCCGAGACCAACCTGGCCCAACACGGCGAAACCCCGCCTC
TACTCAAATACAAAAATTAGCCAGGCTTGGTGACACTCGCCTGTGGTCCAGC
TACTCAGGAGGCT**GAGGCAGGAGAAATTGCTTGAACCCAGGAAGTGGAG**
GCTTCAGTGAGCTGAGAACACGCCACTGCACCTCCAGTCCCTGGGCAAC GAM2
AGAGCAAGACTCTGTCTCAGGAAAAAAAAG 5

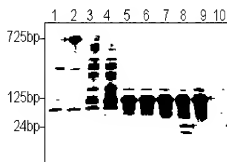
FIG. 21B



Lysate-S100	+	+	+	+	+	+	+	+	+
EST72223	-	+	+	-	-	-	-	-	-
Mir98	-	-	-	+	+	+	+	+	+
Time (h)	24	0	4	24	0	1	4	24	24
EDTA	-	-	-	-	-	-	-	-	+

MIR98

FIG. 21C



Lysate-S100	+	+	+	+	+	+	+	+	+
EST72223	-	+	+	-	-	-	-	-	-
Bet4	-	-	-	+	+	+	+	+	+
Time (h)	24	0	4	24	0	0.5	1	24	24
EDTA	-	-	-	-	-	-	-	-	+

GAM2
5

FIG. 21D

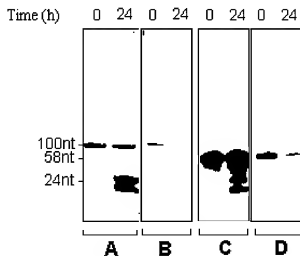


FIG. 22A

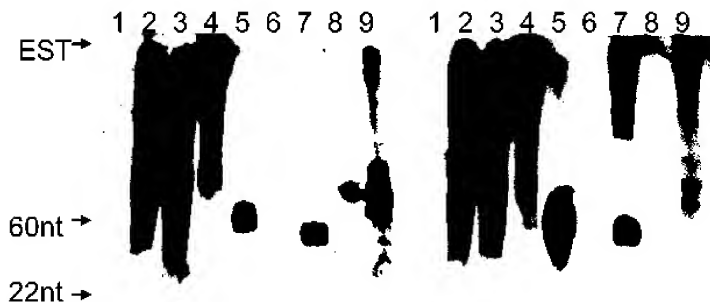
dbEST Id. 7929020 (Image4514344) sequence:

CCAAAACTGGAAGCATTCCCTTTGAAAACTGGCCACAAGACAGGCATCCCTCTCTCAC
 CCTCCTATTCAACATACTCTTCCAGTTCTGCCCAGGCCAATTAGCCAGGACAAGCAA
 ATAAAGGCTATTCAATTAGGAAAAGAGCAACTCAAATTGTTCTGTTTGGCAGATGACAT
 GATTGTATATCTAGAAAACCCCATTTCTCTCAGCCCCAAATCTCCTTAAGCTGATAAGCA
 ACTTCAGCAAAGTCTCAGGATACAAAAATAATGTACAAAAATCACAAGCATTCTTACAC
 ACCAACAACAGAAAAACAGACCCAAATCATGACTGAACTCCCATTCAAAATTCCTTCAA
 ACAGATAAAAAATACCTAGGAATCCAACCTTACAAGGGATGTCAAGGACCTCTTCAAGGAG
 AACTACAAACCACTGCTCTCAAGAAATAAAAACAGGATACAAACAAATGCAAGAACATTCC
 ATGCTCATGCGTAGGAACAATCAATATTCTCAAAATGCCCATCTGCCCAAGCTAATTT
 ACAGATTCAATGCCATCCCCATCAAGCTACCAATGACTTTCTTCACAGAATTGGAAAAA
 ACTACTTTAAAGTTTCATATGCAACCAAAAAACGCCCGCATCGCCAACTCAATCCTAAG
CCAAAAGAACAAGCTGGAGGCATCACACTACCTGACTTCAAACCTTTACTACAAGGCTA
 CACTAACCAAAACAGCATGCTACTGCTACCAAAACACAGATATAGATCAATGCAACAGA
 ACAGACCCCTCAGAAATAACCCCGAATACCTACAACCTATCTGATCTTTGACAAAACCTGA
 GAAAAACAACCAATCGCGCAAGCATTCCCTATTTAATAAATGCTGCTCGGAAAACTGAC
 TAGCCATATGTACAAAGCTCAAACCTGGATCCCTTCCCTTACACCTTATACAAAAATCAAT
 TCAGATGCGATTAAAGATTTAACCTTAGACCTAAACCATATAAACCCCTAGAAGCAAAA
 CCTAGGCATTACCATTCAGGACATAGGCATCGCCAAGGACTTCATGTCCAAAACACCAA
 AACCAATCGCAACAAAAGCAAAATTGACAAATGGCATCTAATTAAACTAAAGAGCTTC
 TGCACAGCAAAACAAACTACCATCAGAGTGAACAGGCAACCTACAAAATGGGAGAAAAAT
TTTCGAACCTACTCATCTGACAAAGGGCTAATATCCAGAATCTACAATGAAGTCAAAC
 AAATTTACAAAAA

GAM24

GAM26

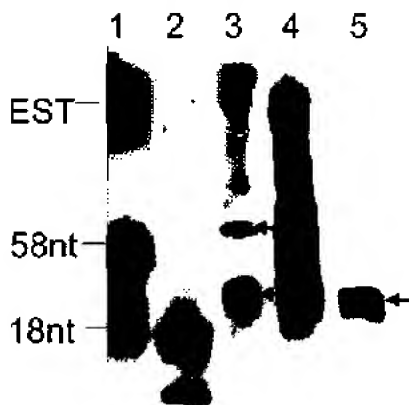
FIG. 22B



GAM26

GAM24

FIG. 22C



GAM26

FIG. 23A

dbEST Id.1388749 (Image1020185) Sequence:

ACTCCTATCAACAGTGTAAAGCATTCTCTGTTTCTCCATAATCTTGCCAGCATCTTTT
CATTTTTTTTGAATTATAGCCATTCTGACTGTTGTGAGATGGTGTCTCATTGTGGTTTTT
GATTTGCATTCTCAGATGATCAGTGTATGTTGAAGTTTTTTTGGTTGTTGGCTGCATG
TATGCCTTCTTTTGAAGTGTCTGTTTGTGTCTTTGACCACITTTCTAATGGGGTTG
AGTTTTTTTTTCTTGTAATTTGTTTAAGTTCCTTGTAGATGCTGGATATTAGACCTT
TGTCAGATGGATAGAGTGCAAAAATTTTCTCCCATTTCTGTAGGTTGTCTGGTTTACTCT
GTTGATAGGTTCTTAATGCTGTGCAGAAGCTCTTTAGTTTTTAATTAGATCCCATTGTG
AATTTTGGCTTTTGTTCGAATTGCTTTTGGCATCTTCGTTCATGAAATCTTTGCCCTTG
CCTGTGTCTGAATGGCATTGCCTAGGTTTTCTTCCAGGATTTTTATAGTTTTGGGTT
GTAGATTTAAGTCTTTAATCCATCTTGAGTTAACTTTTGATATGGGTTAAGGAAGGG
GCCCGTTTCAATTTGCTGCAAAATGGCTAGCCAGTTCTCCCAGCACCATTATTAAATA
GGGAATCTTTTCCCCATTGCTTCTTTTGTGAGGTTTGTCAAAGATCACATGGTTGTA
GGTGTGTGGTCTTATTTCTGGGTTCTCTATTCTGTTCATTGGGCTATGGGCCGGTTC
TGTACCACCCTATGCTGTTTTGGGTACCATAGTCTTGTAGAATGTTTGAAGCTGGGT
AGCATGATGCCTCTAGCTTTGCTCTTCTTGCTAAGAAATGCTCTGGCTATTTGGGCTC
TTTTTTGGTTCCATATGAATTTTAAAATAGCTTTTTCTAGGTCGTAAAGAAATGTGAA
TAGTAGTTTTAATGGGCTAGCATTAAATTTACAGATTGCCTTGGGCAGTGTGGTCATT
TTCACGATATTGATCCTTCCTGTCTGTGAGCATATGTTTTTCCATTGTGTTGTGTCAT
CTCTGATTTCTTTGAATAATGGTTTATAGTTATCCTTGAAAAGGTCCTTCACTTTTCT
TGTTAGCTGTATTCTTAGATATTATACTCTTCTTGTGGCAATTGTGAATGGGAGTTAA
TTCATGAGTTTTCTCTCGGCTTGCCCTGTTGTTGGTGTATAGGAATGCTAGTGACTTTT
GCACATTGATTTTGTATCCTGAGACTTTGTTGAAGTTGCTTATCAGCTAAGAAAGTTT
TGAGCTGAGATGATGGAGTTTCTAGATATAGGATCATATCATCTGCACAAACAAAGATA
GTTTGACTTCTGTCTTCTATTTGAATAGCTTTTCTTTCTTTCTCTTGGCTGATTGC
CTTGGTGAGAATTTCTAATACTGTGTTGAATAGGAGTGGTGAGCTCGTGCCAA

GAM 27

FIG. 23B

1 2 3 4 5 6 7



←EST

←130nt

←22nt

GAM27